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PTO/SB/21 (04-04)

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|  |                        |                  |
|--|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><br><i>(to be used for all correspondence after initial filing)</i> | Application Number     | 10/629,990       |
|  | Filing Date            | July 30, 2003    |
|  | First Named Inventor   | Charles H. Dewey |
|  | Art Unit               | 3672             |
|  | Examiner Name          | Frank Tray       |
| Total Number of Pages in This Submission   | Attorney Docket Number | 1030-16116       |

| ENCLOSURES <i>(check all that apply)</i>   |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication<br>to Group<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group<br><i>(Appeal Notice, Brief, Reply Brief)</i><br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) <i>(please<br/>identify below):</i><br><i>Form PTO-1449 (1 p.);</i><br><i>acknowledgment postcard</i> |
| Remarks  |  |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                     |
|--|---------------------|
| Firm<br>Or<br>Individual Name              | Tod T. Tumey 47,146 |
| Signature                                  |                     |
| Date                                       | August 12, 2004     |

| CERTIFICATE OF TRANSMISSION/MAILING  |                  |      |                 |
|--|------------------|------|-----------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                  |      |                 |
| Typed or Printed Name  | Sandra K. Begley |      |                 |
| Signature  |                  | Date | August 12, 2004 |

132561.01/1030.16116

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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**TYPE**  
**FREE TRANSMITTAL**  
**For FY 2004**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$ 180.00

## Complete if Known

Application Number 10/629,990

Filing Date July 30, 2003

First Named Inventor Charles H. Dewey

Examiner Name Frank Tray

Art Unit 3672

Attorney Docket No. 1030-16116

## METHOD OF PAYMENT (Check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:  
 Deposit Account Number: 03-2769  
 Deposit Account Name: Conley Rose, P.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

☒ Credit any overpayments

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 770                   | 2001 385                   | Utility filing Fee     | \$       |
| 1002 340                   | 2002 170                   | Design filing fee      | \$       |
| 1003 530                   | 2003 265                   | Plant filing fee       | \$       |
| 1004 770                   | 2004 385                   | Reissue filing fee     | \$       |
| 1005 160                   | 2005 80                    | Provisional filing fee | \$       |

SUBTOTAL (1) \$

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims              | Extra Claims | Fee from below | Fee Paid   |
|---------------------------|--------------|----------------|------------|
| 20** = *                  | x            | 18.00          | = \$       |
| Independent Claims        | 3** = *      | 86.00          | = \$       |
| Multiple Dependent Claims |              | 290.00         | = \$ 00.00 |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |
| 1201 86                    | 2201 43                    | Independent Claims in excess of 3                          |
| 1203 290                   | 2203 145                   | Multiple dependent claim, if not paid                      |
| 1204 86                    | 2204 43                    | ** Reissue independent claims over original patent         |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$

\*\* or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

## Complete (if applicable)

|                   |              |                                   |        |           |                 |
|-------------------|--------------|-----------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | Tod T. Tumey | Registration No. (Attorney/Agent) | 47,146 | Telephone | (713) 238-8000  |
| Signature         |              |                                   |        | Date      | August 12, 2004 |

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Charles H. Dewey et al. §  
Serial No.: 10/629,990 §  
Filed: July 30, 2003 §  
For: Well Reference Apparatus and §  
Method §  
Group Art Unit: 3672  
Examiner: Frank Tray  
Confirmation No.: 9173

INFORMATION DISCLOSURE STATEMENT

Mail Stop Non-Fee Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Att'y Docket No. 1030-16116  
Date: August 12, 2004

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware.

Consideration of art cited in following related applications and additional information is requested:

U.S. Patent Application Serial No. 09/573,584, filed May 18, 2000, entitled Well Reference Apparatus and Method and;

U.S. Patent Application Serial No. 10/171,215, filed June 12, 2002, entitled Well Reference Apparatus and Method.

A copy of each publication listed on Form PTO 1449 is enclosed herewith except that pursuant to 37 C.F.R. § 1.98 (d), copies of certain patents, publications, pending U.S. application(s) or other information, as specified in 37 C.F.R. § 1.98 (a), listed in the attached Form PTO-1449 are not provided herewith, as they have been previously submitted to, or cited by, the Office in the above-mentioned earlier U.S. Patent Application(s). The Information Disclosure Statement filed in the earlier application(s) complies with 37 C.F.R. § 1.98 (a)-(c).

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the

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132563.01/1030.16116

situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Because an Office Action has been entered in this case, this Information Disclosure Statement is being filed under C.F.R. 1.97(c). Applicant hereby authorizes the Commissioner to charge Deposit Account 03-2769 of Conley Rose, P.C. the amount of \$180 so that this Information Disclosure Statement may be considered.

Respectfully submitted,



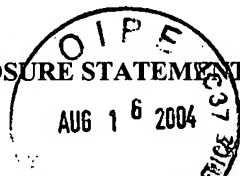
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ATTORNEY/AGENT FOR APPLICANT

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
1030-16116Serial No.  
10/629,990Applicant  
Charles H. Dewey, et alFiling Date  
July 30, 2003Group  
3672

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |     | DOCUMENT NUMBER | DATE     | NAME           | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----|-----------------|----------|----------------|-------|-----------|----------------------------|
|                  | AA* | 4,393,929       | 07/19/83 | Akkerman       | 166   | 134       |                            |
|                  | AB* | 4,440,223       | 04/03/84 | Akkerman       | 166   | 217       |                            |
|                  | AC* | 4,732,212       | 03/22/88 | Fraser, III    | 166   | 216       |                            |
|                  | AD* | 4,762,177       | 08/09/88 | Smith, Jr.     | 166   | 216       |                            |
|                  | AE* | 4,750,563       | 06/14/88 | Baugh          | 166   | 382       |                            |
|                  | AF* | 5,174,397       | 12/29/92 | Currington     | 175   | 423       |                            |
|                  | AG* | 6,021,714       | 02/08/00 | Grove et al.   | 102   | 307       | 02/02/98                   |
|                  | AH* | 5,467,819       | 11/21/95 | Braddick       | 166   | 117.6     | 12/23/92                   |
|                  | AI* | 4,397,355       | 08/09/83 | McLamore       | 166   | 297       |                            |
|                  | AJ* | 5,467,819       | 11/21/95 | Braddick       | 166   | 117.6     | 12/23/91                   |
|                  | AK* | 5,592,991       | 01/14/97 | Lembcke et al. | 166   | 298       | 05/31/95                   |
|                  | AL* | 5,771,972       | 06/30/98 | Dewey et al.   | 166   | 298       | 05/03/96                   |
|                  | AM* | 5,871,046       | 02/16/99 | Robison        | 166   | 241       | 08/11/97                   |
|                  | AN* | 5,894,889       | 04/20/99 | Dewey et al.   | 166   | 298       | 08/21/97                   |
|                  | AO* | 6,143,377       | 12/26/00 | Roberts        | 166   | 118       | 04/30/99                   |
|                  | AP* | 4,153,109       | 05/08/79 | Szescila       | 166   | 250       |                            |
|                  | AQ* | 4,285,399       | 08/25/81 | Holland et al. | 166   | 113       |                            |
|                  | AR* | 4,304,299       | 12/08/81 | Holland et al. | 166   | 255       |                            |
|                  | AS* | 4,307,780       | 12/29/81 | Curington      | 166   | 113       |                            |
|                  | AT* | 4,440,222       | 04/03/84 | Pullin         | 166   | 117.5     |                            |
|                  | AU* | 4,646,831       | 03/03/87 | Marsh et al.   | 166   | 242       |                            |

## FOREIGN PATENT DOCUMENTS

|  |     | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUB-CLASS | Translation |    |
|--|-----|-----------------|----------|---------|-------|-----------|-------------|----|
|  |     |                 |          |         |       |           | YES         | NO |
|  | AV* | GB 2291447      | 31.08.95 | UK      | E21B  | 23/01     | X           |    |
|  | AW* | GB 2191 803     | 23.12.87 | UK      | E21B  | 23/00     | X           |    |
|  | AX* | WO 01/88336     | 11/2001  | WIPO    | E21B  | 47/09     |             |    |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|     |   |
|-----|---|
| AY* | PCT Search Report for International Application No. PCT/US01/16442 Dated 28 August 2001 (7 p.)  |
| AZ* | Praful C. Desai and Charles H. Dewey; Smith International, Inc., Red Baron Group; IADC/SPE 59237; Milling Variable Window Openings for Sidetracking; 2000 IADC/SPE Drilling Conference, New Orleans, LA, Feb. 23-25, 2000; (9 p.) |
| BA* | UK Search Report for Application No. GB 0012227.5 dated 18 October 2000   |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* PREVIOUSLY CITED IN PARENT CASES